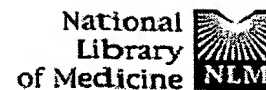


Exhibit 7



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1: Nature. 1985 Jun 20-26;315(6021):680-3.

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## Production of transgenic rabbits, sheep and pigs by microinj

Hammer RE, Pursel VG, Rexroad CE Jr, Wall RJ, Bolt DJ, Ebert KI  
Palmiter RD, Brinster RL.

Direct microinjection has been used to introduce foreign DNA into a num terminally differentiated cell types as well as embryos of several species i sea urchin, *Candida elegans*, *Xenopus*, *Drosophila* and mice. Various gen been successfully introduced into mice including constructs consisting of mouse metallothionein-I (MT) promoter/regulator region fused to either t human growth hormone (hGH) structural genes. Transgenic mice harbour genes commonly exhibit high, metal-inducible levels of the fusion mессе RNA in several organs, substantial quantities of the foreign growth horm serum and enhanced growth. In addition, the gene is stably incorporated i germ line, making the phenotype heritable. Because of the scientific impc and potential economic value of transgenic livestock containing foreign g initiated studies on large animals by microinjecting the fusion gene, MT-I the pronuclei or nuclei of eggs from superovulated rabbits, sheep and pig; report here integration of the gene in all three species and expression of tl transgenic rabbits and pigs.

PMID: 3892305 [PubMed - indexed for MEDLINE]

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Applicants: Hermona Soreq et al.  
Serial No. : 09/310,638  
Filed: May 12, 1999  
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